



Guidelines for Prevention and Treatment of Opportunistic Infections in HIV-Infected Adults and Adolescents

Downloaded from <https://aidsinfo.nih.gov/guidelines> on 1/18/2018

Visit the *AIDSinfo* website to access the most up-to-date guideline.

Register for e-mail notification of guideline updates at <https://aidsinfo.nih.gov/e-news>.

Appendix C. Panel Roster and Financial Disclosures

Leadership (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Benson, Constance	<i>University of California, San Diego</i>	None	N/A
Brooks, John T.	<i>Centers for Disease Control and Prevention</i>	None	N/A
Holmes, King	<i>University of Washington School of Medicine</i>	None	N/A
Kaplan, Jonathan*	<i>Centers for Disease Control and Prevention</i>	None	N/A
Masur, Henry	<i>National Institutes of Health</i>	None	N/A
Pau, Alice	<i>National Institutes of Health</i>	None	N/A

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2014, through March 1, 2016.

* Retired from the panel in March, 2016

Pneumocystis Pneumonia (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Crothers, Kristina	<i>Yale University School of Medicine</i>	• NIH	• Research
Furrer, Hansjakob	<i>Universitatsspital Bern, Switzerland</i>	None	N/A
Helweg-Larsen, Jannik	<i>Rigshospitalet, Copenhagen University, Denmark</i>	None	N/A
Huang, Laurence	<i>University of California, San Francisco</i>	• NIH	• Research
Kovacs, Joe*	<i>National Institutes of Health</i>	None	N/A
Miller, Robert	<i>University College London, England</i>	• Gilead	• Honoraria, Speaker's Bureau
		• Janssen-Cilag	• Honoraria, Speaker's Bureau
		• Mark Allen Healthcare	• Honoraria
		• Merck	• Honoraria, Speaker's Bureau
Morris, Alison	<i>University of Pittsburgh Medical School</i>	• Associates of Cape Cod	• Research Support
		• Gilead	• Research Support
		• NIH	• Research Support
		• Roche	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Toxoplasma gondii Encephalitis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

(page 1 of 2)

Member		Financial Disclosure	
		Company	Relationship
Boyd, Sarita	<i>Food and Drug Administration</i>	None	N/A
Chow, Felicia	<i>University of California, San Francisco</i>	• Gilead	• Stock Holder†
Kovacs, Joe*	<i>National Institutes of Health</i>	None	N/A
Lai, Leon	<i>Washington Hospital Center</i>	• Advanced Medical	• Stock Holder
		• Amgen	• Stock Holder
		• Bristol-Myers Squibb	• Stock Holder
		• DuPont	• Stock Holder
		• Eli Lilly & Co.	• Stock Holder
		• Merck	• Stock Holder
		• Pfizer	• Stock Holder
		• Schering-Plough	• Stock Holder
Miro, Jose M.	<i>Hospital Clinic-IDIBAPS, University of Barcelona, Barcelona, Spain</i>	• Abbvie	• Consultant, Honoraria, Speaker's Bureau
		• Astellas	• Consultant
		• Bristol-Myers Squibb	• Consultant, Honoraria, Research Support, Speaker's Bureau
		• Cubist	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Fundacion Maximo Soriano Jimenez, Barcelona, Spain	• Research Support
		• Gilead	• Consultant, Honoraria, Speaker's Bureau
		• GlaxoSmithKline	• Honoraria, Speaker's Bureau
		• Instituto de Salud Carlos III, Spanish Ministry of Health, Madrid, Spain	• Research Support
		• Janssen-Cilag	• Speaker's Bureau
		• Merck	• Consultant, Speaker's Bureau
		• National Institutes of Health	• Research Support
		• Novartis	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Consultant, Speaker's Bureau
• ViiV Healthcare	• Honoraria, Speaker's Bureau, Research Support		
Montoya, Jose	Stanford University	None	N/A

Toxoplasma gondii Encephalitis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

(page 2 of 2)

Member		Financial Disclosure	
		Company	Relationship
Podzamczer, Daniel	<i>Hospital Universitari de Bellvitge, Spain</i>	• Abbott	• Advisory Board, Speaker's Bureau
		• Boehringer Ingelheim	• Advisory Board, Research Support, Speaker's Bureau, Travel Support
		• Bristol-Myers Squibb	• Advisory Board, Speaker's Bureau
		• Gilead	• Advisory Board, Research Support, Speaker's Bureau
		• GlaxoSmithKline	• Advisory Board, Research Support, Speaker's Bureau
		• Janssen-Cilag	• Advisory Board, Speaker's Bureau
		• Merck	• Advisory Board, Speaker's Bureau
		• Pfizer	• Advisory Board, Research Support, Speaker's Bureau
		• ViiV	• Advisory Board, Research Support, Speaker's Bureau

* Group lead; † Divested

Note: Members were asked to disclose all relationships from 24 months prior to the update date. The period of reporting was from September 1, 2012, through September 1, 2014.

Cryptosporidiosis and Microsporidiosis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Desruisseaux, Mahalia	<i>Albert Einstein College of Medicine</i>	None	N/A
Didier, Elizabeth	<i>Tulane University</i>	None	N/A
Ward, Honorine	<i>Tufts University Medical School</i>	None	N/A
Weiss, Louis*	<i>Albert Einstein College of Medicine</i>	• NIH	• Research Support
White, A. Clinton	<i>University of Texas Medical Branch</i>	None	N/A
Xiao, Lihua	<i>Centers for Disease Control and Prevention</i>	• Water Research Foundation	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the update date. The period of reporting was from September 1, 2012, through September 1, 2014.

***Mycobacterium tuberculosis* Infection and Disease (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)**

Member		Financial Disclosure	
		Company	Relationship
Dooley, Kelly	<i>Johns Hopkins University</i>	• Viiv Health Care	• Research Support
Gandhi, Neel	<i>Rollins School of Public Health-Emory University</i>	None	N/A
Havlir, Diane*	<i>University of California, San Francisco</i>	• Abbot	• Research Support
		• Gilead	• Research Support
Luetkemeyer, Annie	<i>University of California, San Francisco</i>	• Cepheid	• Research Support
Maartens, Gary	<i>University of Cape Town, South Africa</i>	None	N/A
Meintjes, Graeme	<i>University of Cape Town, South Africa</i>	• Sanofi-Aventis	• Speaker's Bureau
Shah, Sarita	<i>Centers for Disease Control and Prevention</i>	None	N/A
Sterling, Timothy	<i>Vanderbilt University</i>	• Otsuka	• DSMB Member
		• Sanofi	• Consultant

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Disseminated *Mycobacterium avium* Complex Disease (Last Reviewed: November 1, 2012; Last Updated: November 1, 2012)

Member		Financial Disclosure	
		Company	Relationship
Cohn, David	<i>University of Colorado School of Medicine</i>	None	N/A
Currier, Judith	<i>University of California, Los Angeles</i>	• Achillion	• DSMB Member
		• EMD Seronon	• Advisory Board
		• Gilead	• Consultant
		• GlaxoSmithKline	• Honoraria
		• Janssen-Cilag	• Honoraria, Travel Support
		• Koronis	• DSMB Member
		• Merck	• Advisory Board, Research Support
		• Pfizer	• Advisory Board
		• Schering-Plough	• Research Support
	• Tibotec	• Advisory Support, Research Support, Travel Support	
Dorman, Susan	<i>Johns Hopkins University</i>	• Bill and Melinda Gates Foundation	• Research Support
		• FDA	• Research Support
		• NIH	• Research Support
Gordin, Fred*	<i>Veterans Affairs Medical Center; Washington, DC</i>	None	N/A
Horsburgh, C. Robert	<i>Boston University</i>	• Bill and Melinda Gates Foundation	• Travel Support
		• CDC	• Research Support
		• Medical Research Council (UK)	• Travel Support
		• NIH	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months before the writing panel convened. The period of reporting was from June 1, 2008, through November 1, 2012.

Bacterial Respiratory Disease (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Crothers, Kristina*	<i>University of Washington</i>	None	N/A
Miller, Robert	<i>University College London, England</i>	• Gilead	• Honoraria, Speaker's Bureau
		• Mark Allen Healthcare	• Honoraria
		• Merck	• Honoraria, Speaker's Bureau
Moore, Matthew	<i>Centers for Disease Control and Prevention</i>	None	N/A
Morris, Alison	<i>University of Pittsburgh Medical School</i>	• Cape Cod Association	• Research Support
		• Gilead	• Research Support
		• NIH	• Research Support
		• Roche	• Research Support
Niederman, Michael	<i>Winthrop University Hospital</i>	• Bayer	• Advisory Board, Honoraria, Research Support
		• Cubist	• Research Support
		• Merck	• Advisory Board
		• Pfizer	• Advis
		• Thermo-Fisher	• Honoraria

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012 through September 1, 2014.

Bacterial Enteric Infections (Last Reviewed: April 1, 2016; Last Updated: April 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Bowen, Anna	<i>Centers for Disease Control and Prevention</i>	• Procter and Gamble	• Research Support
Pham, Paul	<i>University of Maryland & Westview Urgent Care Medi Center</i>	None	• N/A
Sears, Cynthia*	<i>Johns Hopkins University</i>	• Clinical Infectious Diseases	• Other
		• Merieux Institute	• Research Support
		• NIH	• Research Support
		• Up-To-Date	• Other
Wanke, Christine	<i>Tufts University Medical School</i>	• GlaxoSmithKline	• Research Support
		• Optimer Pharmaceutical	• DS
		• Pfizer	• Clinical Trial Even Adjudication

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from April 1, 2014, through April 1, 2016.

Bartonellosis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Basgoz, Nesli	<i>Harvard Medical School</i>	• Forest Labs	• Other
Chomel, Bruno	<i>University of California Davis</i>	None	N/A
Kirby, James	<i>Harvard Medical School</i>	None	N/A
Koehler, Jane*	<i>Univer</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Syphilis (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Bolan, Gail	<i>Centers for Disease Control and Prevention</i>	None	N/A
Ghanem, Khalil	<i>Johns Hopkins University</i>	None	N/A
Hollier, Lisa	<i>Baylor College of Medicine</i>	None	N/A
Hook, Edward W.	<i>University of Alabama at Birmingham</i>	• Becton-Dickinson	• Honoraria, Research Support
		• Gen Probe	• Research Support
		• GlaxoSmithKline	• Research Support
		• Merck	• Honoraria
		• Siemens	• Research Support
Sena, Arlene	<i>University of North Carolina</i>	None	N/A
Stoner, Brad	<i>Washington University School of Medicine</i>	None	N/A
Workowski, Kim*	<i>Emory University</i>	• Bristol-Myers Squibb	• Research Support
		• CDC	• Consultant
		• Gilead	• Consultant
		• Vertex	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.

Mucocutaneous Candidiasis (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Lionakis, Michail*	<i>National Institutes of Health</i>	None	N/A
Ostrosky-Zeichner, Luis	<i>University of Texas Houston</i>	• Astellas	• Advisory Board, Consultant, Research Support
		• Cape Cod Assoc.	• Research Support
		• Merck	• Advisory Board, Consultant, Research Support, Speaker's Bureau
		• Pfizer	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• T2 Biosystems	• Research Support
Revankar, Sanjay	<i>Wayne State University School of Medicine</i>	• Astellas	• Research Support
		• Merck	• Research Support
		• Optimer	• Consultant
		• T2 Biosystems	• Research Support
Sobel, Jack	<i>Wayne State University School of Medicine</i>	• Astellas	• Honoraria, Speaker's Bureau
Vazquez, Jose	<i>Henry Ford Hospital</i>	• Astellas	• Honoraria, Research Support, Speaker's Bureau
		• Forest	• Advisory Board, Honoraria, Speaker's Bureau
		• Merck	• Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Honoraria,
		• Strativa	• Honoraria, Speaker's Bureau

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Invasive Mycoses (Last Reviewed: November 10, 2016; Last Updated: November 10, 2016)

Member		Financial Disclosure	
		Company	Relationship
Ampel, Neil*	<i>University of Arizona</i>	• Nielsen BioSciences	• Research Support
Blair, Janis	<i>Mayo Clinic Arizona</i>	None	N/A
Hage, Chadi	<i>Indiana University</i>	None	N/A
Hamill, Richard	<i>Baylor College of Medicine</i>	None	N/A
Kauffman, Carol	<i>University of Michigan and VA Ann Arbor Healthcare System</i>	None	N/A
Pappas, Peter	<i>University of Alabama at Birmingham</i>	• Astellas	• Advisory Board, Consulting, Honoraria, Research Support
		• Merck	• Advisory Board, Research Support, Speaker's Bureau
		• Pfizer	• Advisory Board, Research Support
		• T-2 Diagnostics	• Advisory Board
Perfect, John	<i>Duke University</i>	• Amplyx	• Consultant, Research Support
		• Astellas	• Advisory Board, Consultant, Honoraria, Research Support
		• Cidara	• Consultant
		• F2G	• Consultant
		• Merck	• Advisory Board, Consultant, Honoraria, Research Support
		• Minnetronix	• Consultant, Research Support
		• Pfizer	• Consultant, Research Support
		• Scynexis	• Consultant
		• TEVA	• Honoraria
		• <i>Viamet</i>	• Consultant
• Vical	• Consultant		

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from November 1, 2014, through November 1, 2016.

Herpes (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016) (page 1 of 2)

Member		Financial Disclosure	
		Company	Relationship
Casper, Corey	<i>University of Washington School of Medicine</i>	• Centocor	• Research Support
		• GlaxoSmithKline	• Scientific Advisory Board
		• Janssen Pharmaceuticals	• Consultant, Research Support
		• Johnson & Johnson	• Research Support
		• Sanofi Pasteur	• Research Support
		• Temptime	• Scientific Advisory Board
Durand, Christine	<i>Johns Hopkins University</i>	• Gilead	• Advisory Board, Research Support
Gnann, John	<i>Medical University of South Carolina</i>	• BioCryst	• DSMB Member
		• GlaxoSmithKline	• DSMB Member
		• Merck	• DSMB Member, Consultant
Jabs, Douglas	<i>Icahn School of Medicine at Mount Sinai</i>	• None	• N/A
Jacobson, Mark	<i>University of California San Francisco</i>	• None	• N/A
Johnston, Christine*	<i>University of Washington</i>	• Agenus	• Research Support
		• Aicuris	• Research Support
		• Genocea	• Research Support
		• Gilead	• Research Support
		• Vical	• Research Support
Kimberlin, David	<i>University of Alabama at Birmingham</i>	• Alios	• Research Support
		• GlaxoSmithKline	• Research Support
Parsons, Christopher	<i>Louisiana State University School of Medicine in New Orleans</i>	None	• N/A
Phipps, Warren	<i>University of Washington School of Medicine</i>	None	• N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.

Herpes (Last Reviewed: February 1, 2016; Last Updated: February 1, 2016) (page 2 of 2)

Member		Financial Disclosure	
		Company	Relationship
Wald, Anna	<i>University of Washington School of Medicine</i>	• Agenus	• Research Support
		• AiCuris	• Consultant
		• Amgen	• Consultant
		• Eisai	• Consultant
		• Genoece	• Research Support
		• Gilead	• Research Support
		• Merck	• DSMB Member
		• Up-To-Date	• Other
		• Vical	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from February 1, 2014, through February 1, 2016.

Human Papillomavirus Disease (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Brown, Darron	<i>Indiana University School of Medicine</i>	• Merck	• Advisory Board, Honoraria, Patent, Speaker's Bureau
		• PDS, Inc.	• Advisory Board
Cu-Uvin, Susan*	<i>Brown University</i>	• CONRAD	• Advisory Board
Dunne, Eileen	<i>Centers for Disease Control and Prevention</i>	None	N/A
Einstein, Mark	<i>Rutgers New Jersey Medical School</i>	• Baxalta	• Research Support
		• Becton-Dickinson	• Research Support
		• Eli Lilly	• Research Support
		• Inovio	• Advisory Board, Research Support, Travel Support
		• Natera	• Consultant
		• Papivax	• Consultant
		• PDS, Inc.	• Consultant, Research Support, Travel Support
		• Photocure	• Consultant, Research Support, Travel Support
Massad, L. Stewart	<i>Washington University School of Medicine</i>	None	N/A
		None	N/A
Moscicki, Anna Barbara	<i>University of California, Los Angeles</i>	• Merck	• Advisory Board, Honoraria
Palefsky, Joel	<i>University of California, San Francisco</i>	• Aura Biosciences	• Advisory Board, Travel Support
		• Hologic	• Research Support
		• Merck	• Advisory Board, Consultant, Research Support, Travel Support
		• Pharmajet	• Advisory Board
		• Qiagen	• Consultant
Stier, Elizabeth	<i>Boston University Medical Center</i>	None	N/A
Strickler, Howard	<i>Albert Einstein College of Medicine</i>	• BD Sciences, Arbor Vita, MTM/Roche, Norchip AS	• These companies providing free testing in a study of molecular methods for cervical cancer screening in HIV+ women.

Human Papillomavirus Disease (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Wilkin, Timothy	<i>Weill Cornell Medical College</i>	• Gilead	• Research Support
		• Bristol Myers Squibb	• Research Support
		• GlaxoSmithKline/ViiV	• Research Support
		• Johnson & Johnson	• Spouse is employee and owns stock.

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2104, through March 1, 2016.

Hepatitis B Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Bhattacharya, Debika	<i>University of California, Los Angeles</i>	• International Antiviral Society – USA	• Honoraria
		• Vertex	• Research Support
Jain, Mamta	<i>University of Texas Southwestern Medical Center</i>	• AbbVie	• Advisory Board, Research Support
		• Actelion	• Research Support
		• Boehringer Ingelheim	• Advisory Board, Research Support
		• Gilead Sciences	• Advisory Board, Research Support, Speaker's Bureau
		• GlaskoSmithKline	• Research Support
		• Theratechnologies	• Research Support
		• Viiv	• Research Support
Nunez, Marina	<i>Wake Forest University Health Sciences</i>	• Bristol Myers Squibb	• Consultant
		• Gilead	• Advisory Board
Peters, Marion*	<i>University of California, San Francisco</i>	• Biotron	• Advisory Board
		• Genentech	• Other
		• GReD	• Spouse has relationship
		• International Antiviral Society (IAS-USA)	• Advisory Board
		• Johnson and Johnson	• Honoraria
Thio, Chloe	<i>Johns Hopkins University</i>	None	• N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Hepatitis C Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Bansal, Nina	<i>Mount Sinai Hospital</i>	None	N/A
Kim, Arthur	<i>Harvard Medical School</i>	• Abbvie Pharmaceuticals	• Advisory Board, Consultant, Research Support
		• Bristol-Myers Squibb	• Advisory Board, Consultant
		• Gilead	• Consultant, Research Support
Kim, Nina	<i>University of Washington</i>	None	N/A
Naggie, Susanna	<i>Duke University</i>	• Abbvie	• Advisory Board, Research Support
		• Achillion	• Consultant, Research Support
		• BMS	• Advisory Board, Research Support
		• Gilead Sciences	• Advisory Board, Research Support
		• Janssen	• Research Support
		• Merck	• Advisory Board, Research Support
		• Vertex Pharmaceuticals	• Research Support
Sulkowski, Mark*	<i>Johns Hopkins University</i>	• AbbVie	• Advisory Board, Research Support
		• Bristol-Myers Squibb	• Advisory Board, Research Support
		• Gilead	• Advisory Board, Research Support
		• Janssen	• Advisory Board, Research Support
		• Merck	• Advisory Board, Research Support
Wyles, David	<i>University of California, San Diego</i>	• AbbVie	• Consultant, Research Support
		• Bristol-Myers Squibb	• Consultant, Research Support
		• Gilead	• Consultant, Research Support
		• Janssen Pharmaceuticals	• Advisory Board
		• Merck	• Consultant, Research Support
		• Tacere	• Research Support
		• Vertex	• Research Support

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the reviewed date. The period of reporting was from September 1, 2012, through September 1, 2014.

Progressive Multifocal Leukoencephalopathy (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014) (page 1 of 2)

Member		Financial Disclosure	
		Company	Relationship
Cinque, Paola	<i>San Raffaele Scientific Institute, Milan, Italy</i>	• Abbott	• Advisory Board, Speaker's Bureau
		• AbbVie	• Advisory Board, Speaker's Bureau
		• Biogen	• Advisory Board, Consultant, Research Support
		• Boehringer Ingelheim	• Advisory Board, Speaker's Bureau
		• Bristol-Myers Squibb	• Speaker's Bureau
		• Gilead	• Speaker's Bureau
		• Janssen-Cilag	• Advisory Board, Speaker's Bureau
		• Johnson & Johnson	• Consultant
		• Merck	• Speaker's Bureau
		• Millenium Pharmaceuticals	• Consultant
		• Pfizer	• Consultant, DSMB Member
• ViiV Healthcare	• Advisory Board		
Clifford, David*	<i>Washington University School of Medicine</i>	• Amgen	• Consultant
		• Biogen	• Consultant, Honoraria
		• Bristol-Myers Squibb	• Advisory Board, Consultant
		• Drinker Biddle, Reath LLC	• Advisory Board
		• Genentech	• Advisory Board, DSMB Member
		• Genzyme	• DSMB Member
		• GlaxoSmithKline	• Honoraria
		• Merck Serono	• DSMB Member
		• Millennium	• Consultant, DSMB Member, Honoraria
		• Novartis	• Consultant, Research Support
• Pfizer	• Consultant, DSMB Member		
Marra, Christina	<i>Washington University School of Medicine</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Progressive Multifocal Leukoencephalopathy/JC Virus Infection (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014) (page 2 of 2)

Member		Financial Disclosure	
		Company	Relationship
Miro, Jose M.	<i>Hospital Clinic-IDIBAPS, University of Barcelona, Barcelona, Spain</i>	• Abbvie	• Consultant, Honoraria, Speaker's Bureau
		• Astellas	• Consultant
		• Bristol-Myers Squibb	• Consultant, Honoraria, Research Support, Speaker's Bureau
		• Cubist	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Fundacion Maximo Soriano Jimenez, Barcelona, Spain	• Research Support
		• Gilead	• Consultant, Honoraria, Speaker's Bureau
		• GlaxoSmithKline	• Honoraria, Speaker's Bureau
		• Instituto de Salud Carlos III, Spanish Ministry of Health, Madrid, Spain	• Research Support
		• Janssen-Cilag	• Speaker's Bureau
		• Merck	• Consultant, Speaker's Bureau
		• NIH	• Research Support
		• Novartis	• Advisory Board, Consultant, Honoraria, Research Support, Speaker's Bureau
		• Pfizer	• Consultant, Speaker's Bureau
• ViiV Healthcare	• Honoraria, Research Support, Speaker's Bureau		
Nath, Avi	<i>National Institutes of Health</i>	None	N/A
Weber, Thomas	<i>Marienkrankenhaus Hamburg</i>	• Bayer	• Honoraria, Travel Support
		• Biogen Idec	• Advisory Board, Consultant, Honoraria, Research Support
		• Genzyme	• Honoraria
		• Merck	• Honoraria, Travel Support
		• Novartis	• Honoraria

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.

Geographic (Last Reviewed: August 1, 2014; Last Updated: August 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Boggild, Andrea	<i>University of Toronto Department of Medicine</i>	None	N/A
Dhanireddy, Shireesha*	<i>University of Washington School of Medicine</i>	None	N/A
Herwaldt, Barbara	<i>Centers for Disease Control and Prevention</i>	None	N/A
Kantipong, Pacharee	<i>Chiangrai Regional Hospital, Thailand</i>	None	N/A
Lynch, John	<i>University of Washington School of Medicine</i>	None	N/A
Montgomery, Susan	<i>Centers for Disease Control and Prevention</i>	None	N/A
Supparatpinyo, Khuanchai	<i>Chiang Mai University, Thailand</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from August 1, 2012, through August 1, 2014.

Pharmacology (Last Reviewed: November 1, 2016; Last Updated: November 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Dooley, Kelly	<i>Johns Hopkins University School of Medicine</i>	• Viiv Healthcare	• Research Support
George, Jomy	<i>National Institutes of Health</i>	None	N/A
Kuriakose, Safia	<i>National Institutes of Health</i>	None	N/A
Pau, Alice*	<i>National Institutes of Health</i>	None	N/A
Peloquin, Charles	<i>University of Florida</i>	• Astra Zeneca	• Research Support
		• Jacobus Pharmaceuticals	• Research Support
		• Otsuka	• Advisory Board
Pham, Paul	<i>Westview Urgent Care</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from November 1, 2014, through November 1, 2016.

Pregnancy (Last Reviewed: March 1, 2016; Last Updated: March 1, 2016)

Member		Financial Disclosure	
		Company	Relationship
Anderson, Jean	<i>Johns Hopkins University</i>	• Gilead	• Scientific Advisory Board
Cohan, Deborah	<i>University of California San Francisco</i>	None	N/A
Hughes, Brenna	<i>Women & Infants Hospital of Rhode Island</i>	None	N/A
Watts, Heather*	<i>Office of the Global AIDS Coordinator</i>	None	N/A
Wright, Rodney	<i>Albert Einstein College of Medicine</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from March 1, 2014, through March 1, 2016.

Immunizations (Last Reviewed: September 1, 2014; Last Updated: September 1, 2014)

Member		Financial Disclosure	
		Company	Relationship
Kim, David*	<i>Centers for Disease Control and Prevention</i>	None	N/A
Peters, Philip	<i>Centers for Disease Control and Prevention</i>	None	N/A

* Group lead

Note: Members were asked to disclose all relationships from 24 months prior to the updated date. The period of reporting was from September 1, 2012, through September 1, 2014.